

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

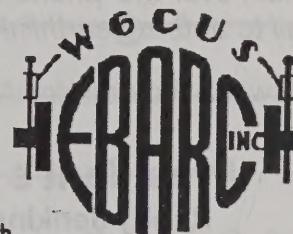
VOLUME LVII NUMBER 1

JANUARY 2004

EBARC Meeting

January 9, 2004
7:30 p.m.

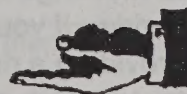
SWAP MEET!
(Bring your wallet)



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Tuesday, Jan. 27

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Another year has come to a close, and we are still here! We have officers installed, and active board members working. The club station still exists at the same location.

Our January meeting program will be replaced by a swap meet. Please bring your surplus equipment to sell or your surplus cash to purchase. We will run an abbreviated business meeting and get to the good stuff quickly.

We would like to hook up people who would like a ride to the club meetings with people who can give them a ride. If you are interested in either getting or providing a ride, please let me know and I will try to match people up. (ka6bqf@aol.com)

The building that houses our club station is in need of some work, particularly the roof. We will be reporting to you regularly on where we are going with that issue.

Dar Thompson, K6USW, has accepted a position in the ARRL East Bay Section organization, and has departed as 4C's President. Congratulations to Dar on his appointment. Don Hamma, KE6ZFP assumes the 4C's Presidency.

Please remember to renew your membership, and we hope to see you at the January 9th meeting.

73 for now, Randy KA6BQF

EBARC Swap Meet

The January 9th meeting will be a swap meet. Bring your surplus ham gear to sell and/or bring your money to buy from someone else. Sellers are asked to donate 10% of sales to the club treasury. Invite your friends!

General Meeting Minutes

December 12, 2003

Bob Uhrhammer, WB6VEX, Sect'y.

The meeting was called to order by President Randy (KA6BQF) at 7:35 p.m.

The agenda was accepted as presented.

Secretary Bob (WB6VEX) Report: The minutes of the November 2003 meeting were accepted as published in the *Blown Fuse*. The only correspondence was renewals from a half dozen members.

Station Manager Stanton (KD6SWU) Report: A new door was purchased for the club station and the requisite lock sets have been re-keyed to the existing station key. The door will be installed when the weather permits.

First VP Peter (KB6WC) Report: A swap meet is scheduled for the January meeting. He is on

the lookout for interesting programs. Let him know of any suggestions/leads that you have.

Second VP Texx (KG6ATH) Report: Soda and cookies in lobby (please don't bring them into the sanctuary). Queried whether there was an interest in having warm beverages. Don't forget to feed the kitty. Texx also looked at the condition of the roof at the club station and he is working up a materials list for repairing the roof.

Third VP Sharon (AA6XZ) Report: The *Blown Fuse* is now being distributed via email and paper versions and the reproduction and mailing costs are down significantly. Owing to the upcoming holidays, Thursday December 18th is the deadline for the next issue of the *Blown Fuse*.

Education Chair Henry (KK6PH) Report (relayed by Sharon): Instructors should get a new copy of *Now You're Talking*, which includes the latest changes. The 2004 VE sessions are held on the 4th Sunday of January, April, July and October.

Treasurer Gordy (NU6W) Report: The figures are published in the *Blown Fuse*. The bills were \$330 for liability insurance and \$130.62 for PG&E. Please pay your club dues for 2004. It was moved and seconded to pay the bills, and the motion passed.

President Randy (KA6BQF) Report: The Red Cross will pay the gas portion of the bill (used by the space and hot water heaters in their portion of the building). He will request that PG&E read the meter as the gas portion of the bill was an estimate.

Installation of Club Officers for 2004. John Wood (KF6HFA) presided over the installation of President Randy (KA6BQF) and then Randy took over the gavel and presided over the installation of the remaining slate of officers: 1st VP Peter (KB6WC); 2nd VP Texx (KG6ATH); 3rd VP Sharon (AA6XZ); Secretary

Bob (WB6VEX); Treasurer Gordy (NU6W), and: Member-at-large John (KF6HFA).

The business portion of the meeting was adjourned at 7:58 PM.

After the break for refreshments, the program was the movie *Apollo 13*, starring Tom Hanks. This docu-drama vividly portrays the story of how NASA's worst nightmare turned into one of the space agency's most heroic moments in 1970, when the Apollo 13 crew was forced to hobble home in a disabled capsule after an explosion seriously damaged the moon-bound spacecraft.

2004 EBARC Membership Renewal

Name _____

Call Sign _____

NTT+GAE
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

Spring Technician Class

This Spring EBARC will teach a class to help students earn their Technician tickets. Classes meet every Tuesday from 7:00 to 9:30 p.m. starting March 30th, for about 11 weeks. Interested students should sign up with West Contra Costa Adult Education, 215-4666. There's no fee, but students will be able to purchase *Now You're Talking* at the first class meetings.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
 - EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The test schedule for 2004 is Jan. 25th, Apr. 25th, Jul. 25th, and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For more info; 510-482-1643 or 510-741-8227.
 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
 - Future Events: Grizzly Peak Century May 2nd, Boy Scout Walk June 5th, Field Day June 25-27th, Boy Scout Walk Oct 23rd.
-

Interested in an Upgrade Class?

If you'd like EBARC to hold a class to upgrade your ticket to General or Extra class, please contact Henry Primbsch, KK6PH, at 741-8227. In order to hold a class, there must be a "critical mass" of students!

Excerpts from *The ARRL Letter*

International Morse Code Gets New Character

In Geneva on December 5, the International Telecommunication Union (ITU) Radiocommunication Sector (ITU-R) Study Group 8 agreed on the wording of a Draft New Recommendation ITU-R M.[MORSE] that specifies the international Morse code character set and transmission procedures. It also includes a new Morse code character to cover the "@" symbol used in e-mail addresses. The draft new recommendation proposes using the letters A and C run together (.-.-.) to represent the @ symbol.

FEMA Says BPL Will "Severely Impair" Essential HF Operations

A proverbial monkey wrench in the works for BPL? Expressing "grave concerns" about likely interference from unlicensed Broadband over Power Line (BPL) systems, the Federal Emergency Management Agency (FEMA) told the FCC that BPL could "severely impair" FEMA's mission-essential HF radio operations in areas serviced by BPL technology." FEMA responded December 4 to last April's FCC BPL Notice of Inquiry, ET Docket 03-104. Now part of the Department of Homeland Security, the agency said its primary worry is BPL's potential impact on the FEMA National Radio System (FNARS) on HF. FNARS is FEMA's primary command and control backup medium under the Federal Response Plan.

New General Class Question Pool Released

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators has released a revised and expanded Amateur Radio General class (Element 3) question pool into the public domain. The new question pool becomes effective July 1, 2004. "The pool has been expanded to 432 questions," said ARRL VEC Manager Bart Jahnke, W9JJ, a member of the Question Pool Committee, who notes that all subelements grew slightly. "The largest increase in questions this time around was in our Operating Procedures and Amateur Radio Practices subelements," he said. The General class question pool does not contain any diagrams or symbols. The new Element 3 question pool is available on the ARRL Amateur Exam Question Pools Web page <<http://www.arrl.org/arrlvec/pools.html>> in Adobe PDF and ASCII text format. It includes all questions and answers relating to Element 3.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2004 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

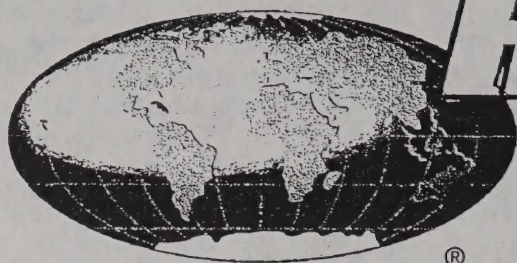
Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9761
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	741-8894
Ralph Hall W6EFD, W6CUS Trustee.....	232-0727
Henry Primbsch KK6PH, Education	741-8227
Peter Hoffman W6DEI, Field Day Co-Chair	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair	
Joe Lee W6DOB, Awards Chair	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair	
Historian	
Silent Key Chair.....	
John Wood KF6HFA, Member-at-Large.....	234-0527

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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sunnyvale@hamradio.com

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John, N5EHP, Mgr.
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- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

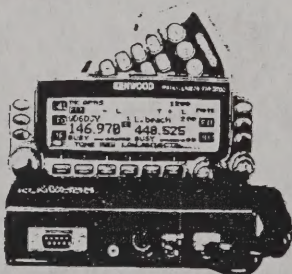
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TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
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- 200 Memos., CTCSS
- VC-HI Messaging Control

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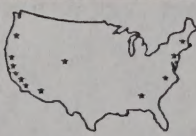


TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
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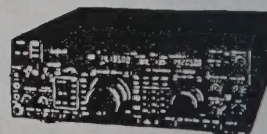
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FT-100D HF/6M/2M/70CM Trans.

- Compact Transceiver w/detachable front panel
- Rx 100kHz to 9700mHz (cell blocked)
- Tx 100W 160-6M, 50w 2M, 20W 70CM
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FT-1000MP MKV HF Trans.

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- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

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ICOM



IC-706MKIIG HF/VHF Transceiver

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- Easy-to-Navigate menus

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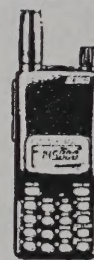


IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

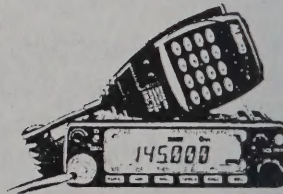
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

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CLUB STATION W6CUS

VOLUME LVII NUMBER 2

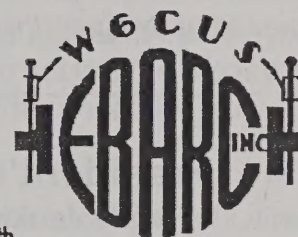
FEBRUARY 2004



EBARC Meeting

February 13, 2004
7:30 p.m.

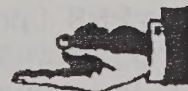
Ti-Michelle Connelly N6JT
ARRL East Bay Section Manager



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at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
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Deadline for Mar. issue: Tuesday, Feb. 24

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

This is a great time to contact your congressional representative about the pending bills that affect amateur radio. With Congress in recess, your congresspersons and senators are out of Washington and back in their home districts. Contact their offices to voice your support for the Amateur Radio Spectrum Protection Act (HR713 / S537) and the Amateur Radio Emergency Communications Consistency Act of 2003 (HR1478). The spectrum protection bill requires that amateur radio receive "equivalent replacement spectrum" for any frequencies lost. The emergency communications act extends the existing PRB-1 protections to those affected by "CC&R's." What it will take for these measures to get attention in Congress is cards or letters from individual voters. Send or drop off a QSL card with your request that your representative support these bills which affect us all.

Thanks to our station manager, we have a new door on the club station. It really looks good,

and we have set it up to use the same key.

We will be teaching a technician class this Spring, that begins on Tuesday, March 30, and runs 11 weeks. If you know of any prospective hams, you might point them toward this opportunity.

I had an opportunity to hear a presentation on the Chabot Space and Science Center in Oakland. One of the programs that they are studying adding is an amateur satellite station. Chabot also offers public viewing on their telescopes. If you are looking for a fun family activity, check it out.

I just got a new VHF/UHF radio. It's amazing how many features there are on a modern radio. It has 512 memories, alphanumeric display, tone scan, and other things I haven't discovered yet. And all for about the same price that I paid for the first synthesized VHF radio I bought 25 years ago with 3 memories.

I hope to see you at the next meeting. 73 for now

The @&# "PAST DUE" Stamp!

If you have "PAST DUE" stamped on the front of your *Blown Fuse*, our records show that you have not yet renewed for 2004. If you haven't renewed by mid-February, you won't receive the next issue of the *Blown Fuse*, and you won't be in the 2004 roster! If you mailed your renewal in the last month, don't panic, because nobody has visited the EBARC post office box. Because of this, we'll examine the mail before we cut you off! If you're sure you renewed before a month ago, contact Gordy Parsons, NU6W, at 785-4290!

We thank an angel, Chris Baldo, AI6S, for his \$200 donation to EBARC for our Salvation Army meeting place!

General Meeting Minutes

January 9, 2004

Randy Jenkins, KA6BQF, Acting Sect'y.

The meeting was called to order by President Jenkins at 19:35.

The minutes of the previous membership meeting were approved as printed in *The Blown Fuse*. Secretary Uhrhammer was absent.

Third VP Primbsch reported on a letter from Chris Baldo that accompanied a donation of \$200 for the use of the Salvation Army meeting place.

Trustee Hall was not present.

Station Manager Gleason reported on the installation of a new entrance door at the club station, and had pricing on reactivation of the alarm system from Bay Alarm. We will continue to get alternative pricing.

President Jenkins reported on an email from First VP Gaposchkin, stating that he had contacted ARRL East Bay Section Manager Ti-Michelle Connelly about speaking at the February meeting. Gaposchkin should have an answer by 16 January.

Second VP Woodworth reminded everyone to 'feed the kitty'. As Digital Chair, he reported that he is working on an overhaul of the club web site. Woodworth reported on a permanent loan of equipment by John Wood for the establishment of an amateur satellite earth station operation at the club station. Woodworth commented about missing members that we had not seen at meetings recently.

Third VP Primbsch reported that there had been five renewals since the board meeting. Primbsch requested that reminder postcards be mailed out soon. There is a January 27th deadline for inclusion in the roster and for

submissions for *The Blown Fuse*. Primbsch confirmed the January 25th VE session in Oakland. There will be a spring semester class for Technician licensees beginning on March 30.

Field Day Chair Hoffman commented that we will begin soliciting volunteers soon.

Treasurer Parsons reported income of \$210.00 and outlays of \$641.21 for December. These included \$218.14 for equipment insurance and \$330.00 for liability insurance. Parsons reported balances of \$2,407.66 in checking and \$3,204.50 in savings.

Board Member Wood suggested that we might conduct a fundraiser to secure the money necessary to replace the roof at the club station.

There being no further business, the business meeting was adjourned at 20:00

Treasurer's Report

December, 2003

Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

Regular Renewals: KA6BQF, WB6VEX, KF6KWJ, N6AVB, KE6ZWO, WA6OUO, KF6RGH.....	\$175.00
Coffee Kitty	10.00
Donation (November, KF6WNH).....	25.00
Total December Income	\$210.00

DECEMBER DISBURSEMENTS

Blown Fuse Printing	\$19.49
Blown Fuse Postage.....	13.32
SBC (W6CUS).....	16.01
Marsh Affinity Grp (equip. insur.).....	218.14
Marsh Affinity Grp (liability insur.) ...	330.00
PG&E (W6CUS).....	44.30
Total Dec. Disbursements.....	\$641.26

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$2,407.66
Savings (Station Fund*) \$3,204.50

*\$147.76 loaned from the General Fund.

Treasurer's Report

January, 2004

Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

Regular Renewals: NU6W, N6PIX, W1ZJ,
KE6ZFP, WI7YN, KQ6OX \$150.00
Family Renewals: N6MNL/KD6OKJ.. 30.00
Salvation Army Reimbursement..... 86.59
Swap Meet Sales 25.00
Coffee Kitty..... 4.00
Donation (C. Baldo)..... 200.00
Total January Income \$495.59

JANUARY DISBURSEMENTS

Blown Fuse Printing \$17.32
Blown Fuse Postage 13.32
SBC (W6CUS) 16.58
Total Jan. Disbursements \$47.22

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$2,569.44
Savings (Station Fund*) \$3,491.98

*\$147.76 loaned from the General Fund.

Many members have yet to pay their 2004 membership dues. The fee is \$25 for individuals and \$30 for families.

Spring Technician Class

This Spring EBARC will teach a class to help students earn their Technician tickets. Classes meet every Tuesday from 7:00 to 9:30 p.m. starting March 30th, for about 11 weeks. Interested students should sign up with West Contra Costa Adult Education, 215-4666. There's no fee, but students will be able to purchase *Now You're Talking* at the class.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2004 are Apr. 25th, Jul. 25th, and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For more info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
- Future Events: Grizzly Peak Century May 2nd, Boy Scout Walk June 5th, Field Day June 25-27th, Boy Scout Walk Oct 23rd.

Excerpts from *The ARRL Letter*

AO-7 Turns 30! The oldest working satellite, AO-7, will mark its 30th year in space during 2004. The satellite, which came back to life in mid-2002, was launched November 15, 1974, and it remained operational until 1981, when it went dark due to battery failure. It remained dormant--and largely forgotten--until it suddenly and unexpectedly sprang back to life. AO-7 is in a 1460 km orbit, and AMSAT-NA considers the satellite "semi-operational." Jan King, W3GEY reports AO-7 //www.amsat.org/amsat/news/wsr.html#ao-7 is running solely from its solar panels, so it will only work when in sunlight. It has a Mode A uplink passband at 145.850 to 145.950 MHz and a downlink passband at 29.400 to 29.500 MHz (CW/USB). Beacons are at 29.502, 145.972, 435.1 and 2304.1 MHz. Ground controllers have only been able to activate some command functions. It also contains a Mode B transponder. To mark the satellite's 30th anniversary, AMSAT-NA will make available a special commemorative QSL card. AMSAT-NA Board Member and Awards Manager Bruce Paige, KK5DO, reports additional information will be available on the AMSAT-NA Web site <<http://www.amsat.org>>.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

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work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
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burbank@hamradio.com

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(800) 854-6046
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

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sandiego@hamradio.com

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sunnyvale@hamradio.com

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(800) 644-4476
Jim, KA3LLL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

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(503) 598-0555
(800) 854-6046
Leon, N7IXX, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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(800) 444-9476
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John, N5EHP, Mgr.
denver@hamradio.com

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(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

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(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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(800) 444-4799
Steve, N4SR, Mgr.
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woodbridge@hamradio.com

SALEM, NH
(Near Boston)
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Chuck, N1UC, Mgr.
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28 mi. No. of Boston
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KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
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- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

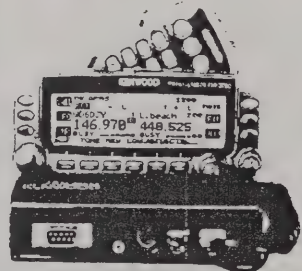
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TH-D7A(G) 2M/440

- 2M/440 Dual Band
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- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos., CTCSS
- VC-H1 Messaging Control

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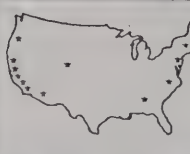


TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 MHz (cell blocked)
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- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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UPS - Most Items Over \$100



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The Store Nearest To You!**

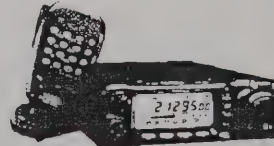
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VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Great Price!



FT-100D HF/6M/2M/70CM Trans.

- Compact Transceiver w/detachable front panel
- Rx 100kHz to 970mhz (cell blocked)
- Tx 100W 160-6M, 50w 2M, 20W 70CM
- Built-in DSP, Vox, CW keyer
- 300 Memories

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

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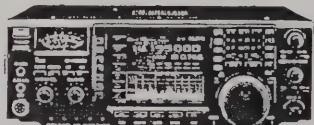
ICOM



IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

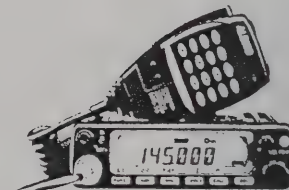
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
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F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 3

MARCH 2004



EBARC Meeting

March 12, 2004
7:30 p.m.

Program & Speaker
To Be Announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Apr. issue: Tuesday, Mar. 23

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Public service season is coming up soon. For those of us who participate, now is the time to check out our gear, and work out any bugs before we are out in the field. If you are interested in participating in public service events, there are plenty of opportunities in the Bay Area. EBARC has events scheduled for May 2, June 5, and October 23. Volunteers for these events are needed. Newcomers usually catch on fast, and you can frequently partner with an experienced operator. It's a great way to give back to the community.

According to information from Dar Thompson, the state is cracking down on raffles. Any organization holding raffles must register with the state, and pay an annual filing fee for registration and a fee for each raffle held during the year. If obtaining a ticket for a drawing requires payment, it is considered a raffle. Organizations can still offer door prizes as part of a paid event, but cannot sell additional chances to win. There have been crackdowns on small non-profits. Doesn't this seem like a great use of the state's police

powers?

We want to thank ARRL East Bay Section manager Ti-Michelle Connely for her presentation at our February meeting. Ti spoke about the League's license restructuring proposal. Details are available on the ARRL web site, or in QST.

Ti also mentioned broadband-over-powerlines. The FCC is moving toward a notice of proposed rule making. I think that most of us are aware of the threat to the usability of the HF bands if this goes forward as currently proposed. This system has already been rejected in Japan and elsewhere. Concern has been expressed by FEMA, NTIA, NAB and others. I urge you to contact your representative in Congress, and support the comments of the League and others in opposition to permitting this system.

Ti also left us several ARRL publications, which we will distribute as door prizes in a drawing at the March meeting. Everyone attending will get one chance. Donations to the kitty will be happily accepted.

73 for now, Randy KA6BQF

EBARC Member Needs Help

Elliott Medrich, W6VFU, needs help with RTTY and with a small mini-beam. He'd like to get onto RTTY, but needs basic step-by-step assistance. Also, he has some health problems, and is willing to pay someone to make adjustments to his mini-beam. If you can help, or know of someone who can, please contact Elliott at emedrich@mprinc.com or 510-595-4121.

Congratulations to Texx Woodworth, KG6ATH, who just became the the new ARRL East Bay Section Club Coordinator!

Treasurer's Report

February, 2004

Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

Regular Renewals: WA6KCP, KB6WC, N6VIF,
KD6PLM, KC6JXB, K6LHP, W6VFU,
N6JGC, K3MHD, KD6WNM, WI6O,
W8JSN, WA6QJT, KF6LGE, KE6DYR,
WS6V, AI3X, KF6IHW, KG6ATH, Almon
Larsh..... \$500.00
Family Renewals: K6USW/KE6FSU,
W6KNO/Martha, WH6THD/WH6THB,
KI7FQ/KE6MRH..... 120.00
Coffee Kitty..... 12.70
Total February Income..... \$632.70

FEBRUARY DISBURSEMENTS

Blown Fuse Printing \$17.75
Blown Fuse Postage 13.32
PG&E (W6CUS)..... 45.66
P.O. Box Renewal 58.00
SBC (W6CUS) 16.72
World Radio Subscription 65.00
Total Feb. Disbursements..... \$216.45

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,035.37
Savings (Station Fund*) \$3,429.60

*\$147.76 loaned from the General Fund.

General Meeting Minutes

February 13, 2004

Bob Uhrhammer, WB6VEX, Secretary

Meeting called to order at 7:42 p.m.

The agenda was accepted as presented.

Secretary Bob (WB6VEX): The minutes of the previous meeting were accepted as published. Correspondence; 20 membership renewals were received. The PO Box rent of \$58 is due March 1st. Three dues notices (postcards)

were returned. One Blown Fuse was returned (AD6JE). World Radio, Inc. renewal of \$65 due April 1st. February LARK bulletin received. Letter from spouse of deceased member Bill Loosekoot, K6HVV received.

Station Manager Stanton (KD6SWU): New door on club station has been installed.

First VP Peter (KB6WC): Looking for March program.

Third VP Sharon (AA6XZ): Thanks for renewing your memberships. Will print roster for next meeting. There will be a tech class starting March 30th, taught by Ivan and others.

Field Day Co-Chair Peter: Looking for SSB and CW station captains.

Treasurer Gordy (NU6W): Report given elsewhere in this issue of Blown Fuse.

President Randy (KA6BQF): Helping with organizing tech class. FCC is moving forward with BPL. Write to Congressmen and Senators opposing BPL. No quorum for EBARC board meeting last week. Visited Red Oak Victory station.

Second VP Texx (KG6ATH): Foothill Flea Market moving.

Concern was expressed with forwarding E-mails with sensitive information. There were some questions about the EBARC web site, which Texx is revamping.

Business meeting adjourned at 8:07 p.m.

The program was presented by the new ARRL East Bay Section Manager, Ti-Michell, NJ6T. She discussed the spectrum protection act (HR713), the CC&R Bill (HR1478), The FCC is moving forward with BPL notice of proposed rule making, the ARRL proposed amateur license restructuring and corresponding band plan, and that the ARRL is losing members. Look at the ARRL web site for details.

The EBARC Roster is Ready...

...but you already know that if you get the *Blown Fuse* by snail mail 'cuz it's included with this newsletter! If you're an e-mail newsletter recipient, you'll get it in person if you come to the March EBARC general meeting. For any remaining roster recipients, I'll put a stamp on it and send it to you via snail mail right after the March meeting.

EBARC Roster Update

- **RENEWED:** Texx Woodworth, KG6ATH, 600 Coventry Rd., Kensington, CA 94707, Phone is 510-524-7452.

Spring Technician Class

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Flea Market Moves!

The Electronics Flea Market (previously known as the Foothill Flea Market) is held every 2nd Saturday, March through October. It has moved to north Sunnyvale near Moffett Field (from Foothill College).

From the Milpitas area or the East Bay take 237 west towards Mountain View. When you reach Sunnyvale, look for the Mathilda Avenue exit. Go straight across Mathilda Avenue and proceed onto Moffett Park Drive.

Once you are on Mathilda Ave. heading north, enter the rightmost left turn lane as you pass under 237. Take the left turn onto Moffett Park Dr. You should see a chain link fence on your right and behind that, a concrete wall. Behind the wall are two large white satellite antennas and the famous "blue cube." Turn right onto Lockheed Martin Way and follow up until the roadblock. Turn left onto 11th Avenue and look for the flea market entrance on the right.

Don't try taking Lockheed Martin Way from the Mathilda Avenue. This road does not go through but takes you directly into Onizuka Air Force Base. You will be forced to back up and turn around.

Talk-in on 145.27- or 145.23- (both 100Hz PL). For more details, restrictions, and maps, see www.asvaro.org/fleamarket.shtml.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2004 are Apr. 25th, Jul. 25th, and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For more info; 510-987-2867 or 510-741-8227.
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work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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Janet, KL7MF, Mgr.
anaheim@hamradio.com

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(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
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burbank@hamradio.com

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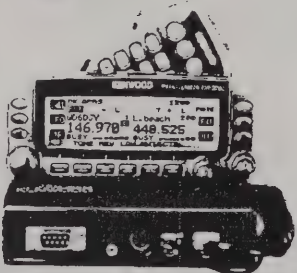
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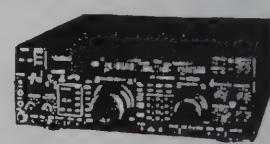
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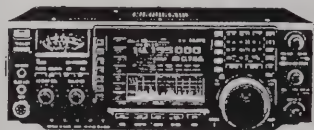
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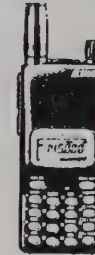


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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 4

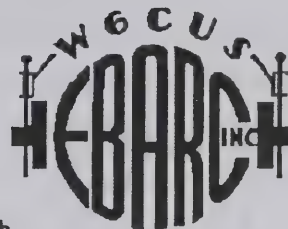
APRIL 2004



EBARC Meeting

April 9, 2004
7:30 p.m.

"AMSAT"
Emily Clarke, W0EEC



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Tuesday, Apr. 27

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

We will be beginning our Technician Class at West Contra Costa Adult School by the time you read this. The sessions run into mid-June. We thank all our volunteer instructors. We hope to have a good turn out for the class.

Preparations for Field Day (June 26 - 27) are going forward. If you can help, please contact our Field Day committee chairs, Alan Eshleman and Peter Hoffman. A number of positions are still open. We are planning to return to the Berkeley Marina site this year.

Our own Dr. Alan Eshleman, K6SRZ, will be participating in the T33C DXpedition, from Banaba Island, in the Pacific, from April 4 through 14. They will be operating on all possible bands, and with most modes. There is further information on the DXpedition web site, www.dx-pedition.de/banaba2004.

Rich Parker, KD6JCT, is soliciting volunteers for the Grizzly Peak Century Bike Ride for May 2nd. In addition, we also have the two Boy Scout hikes in June and October. There are

also events throughout the Bay Area, almost every weekend, that need amateur volunteers. It's something that I find rewarding, and I hope that you will consider volunteering.

We want to thank Dar Thompson, K6USW, for his excellent and informative presentation at our March meeting. We are looking forward to a presentation by Emily Clarke, W0EEC, from AMSAT at our April meeting. Also, for May, we will have a program on communications vehicles. We hope to see you there.

Treasurer's Report

March, 2004

Gordon Parsons, NU6W, Treasurer

MARCH INCOME

Regular Renewals: AA6YE, K6SRZ	\$50.00
New Member: KG6TT	25.00
W6CUS Roofing Fund donation	
(anonymous)	500.00
Coffee Kitty	12.86
Total March Income	\$587.86

MARCH DISBURSEMENTS

Blown Fuse Printing	\$19.97
Blown Fuse Postage	12.95
Roster Printing	24.46
SBC (W6CUS)	15.89
Total Mar. Disbursements	\$73.27

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$3,037.10
Savings (Station Fund*)	\$3,942.46

*\$147.76 loaned from the General Fund, and \$500 earmarked for W6CU Roofing Fund.

Field Day Futures

We need volunteer(s) for cooking and food shopping! Fred & Audrey Nieman will not be available this year, and EBARC thanks them for their yummys at past Field Days!

Proposed ARES/RACES Net Script

Being the first of April, its time to take a look at the proposed new West County ARES/RACES net control script. This is supposed to bring our net into the "Top 10"...

QST QST QST Attention to all you members of the West Contra Costa County RACES & ARES net.

This is Kay Gee Six Ayee Tee H coming at you from the studios of W6CUS in beautiful downtown Richmond Californiumum. I'm your host, Texx.

This net meets every Thursday night at a quarter to seven, that's 18:45 for all you scientific dudes out there. You will find us at this time on 145.110 Mhz of your FM dial with that all-important PL of 82.5 and a negative offset.

This net is made possible by those fine folks at the 4Cs repeater and the Contra Costa County Office of Emergency Services.

This is a modified controlled net. You may break this net at any time with emergency or priority traffic. Just don't break our hearts, OK? Say "BREAK" for priority traffic and "BREAK BREAK" for emergency traffic. If you wish to contact a station just say "CONTACT" and then wait for the big guy at Net Control to say "CONTACT GO AHEAD".

Please don't go leaving the net without informing Net Control. It bums their day out big time. When you return to frequency, say "RECHECK". Net Control will say "RECHECK GO AHEAD" and then you give your call sign. Cooperation of all amateurs during this net is appreciated.

Roll call begins with all you mobiles out there, with or without traffic, come now with your call sign. (Log mobiles and whether they have traffic.)

Next up we have those big cats, the West County Emergency Coordinators. (Log ECs and whether they have traffic.)

It's that time again, time for the West County members. (Log members and whether they have traffic.)

Do we have any adjacent ARES or RACES folks out in the airwaves with us tonight? (Log adjacent and whether they have traffic.)

It's time for guest check-ins. Let's see who we have out there. Please give us your name, location, callsign and most important, ATM PIN number! (Log guests and whether they have traffic.)

Do we have any late or missed check-ins? (Log lates and whether they have traffic.)

Hearing no further check-ins, net business starts now. (Refer to log and call for the individual traffic items.)

And now the moment we have all been waiting for; stand by while I tally up our numbers. The count is (drum roll) (give count). We got anyone willing to take that number over the hill?

We wish to send out a hearty thanks to all you non-participating amateurs who have been such patient cats, standing by during the net.

We would like to give a big thanks to our sponsors, those kind folks at the Contra Costa Communications Club for the use of their repeater, now with Echo-Link capability! Check them out!

The net is closed now at (give time). This is Kay Gee Six Ayeee Tee H saying "Sayonara" and returning the repeater to normal operation. Good night, Mrs. Calabash, wherever you are! Until next week, LATERZ!

[Submitted by Texx Woodworth, KG6ATH]

General Meeting Minutes

March 12, 2004

John Wood, KF6HFA, Acting Secretary

Meeting called to order at 7:36 p.m. by Randy.

The agenda was accepted as presented.

Secretary Uhrhammer absent, correspondence unknown.

Minutes of the February general meeting were accepted as printed in the *Blown Fuse*.

Club Station Manager Stanton Gleason, nothing to report.

Program: We'll have Ed and the COM van as the May meeting program.

There were two visitors: Paul West, KG6TIY is newly-licensed. Jerold Volpe, KG6TT, extra class, joined the club at this meeting.

The FCC is looking for Official Observers in West County and north of the Carquinez.

2nd VP Texx Woodworth, KG6ATH, is now the ARRL East Bay Section Club Coordinator.

3rd VP and editor Sharon Primbsch, AA6XZ, says to contact her if you get the email newsletter and haven't received it by 1-1/2 weeks before the general meeting. Sharon now has the key to the P.O. Box formerly held by Gordy Parsons, NU6W (Bob Uhrhammer has the other key).

Mrs. Steinquist is helping to teach the EBARC Technician class that runs from March 30th to June 15th.

Field Day Co-Chair Peter Hoffman, W6DEI, says the application for Cesar Chavez Park has been submitted to the City of Berkeley. Extra documents and a fee are required. The city is being asked to waive the fee. Alan

Eshleman, K6SRZ, will be CW Captain. Ron Smith will be SSB Captain.

Alan Eshleman, K6SRZ, will be on a DXpedition Apr 4th-14th on Banaba. The expedition's call is T33C. Alan's Fijian personal call sign is 3D2CA.

Gordy Parsons, NU6W, read the February Treasurer's report as printed in the March *Blown Fuse*.

President Randy Jenkins, KA6BQF, talked about several public service events: Grizzly Peak bike ride May 2nd; a foot race in Marin County May 1st; Marin bike rides August 7th and 14th; and the Boy Scout Walk June 5th.

Randy also said that a fund has been established for the club station roof replacement.

The "Foothill" Flea Market has moved to Moffitt Field (see March *Blown Fuse*).

There will be an ARRL VE test session April 25th in Oakland.

The meeting adjourned at 8:05 p.m.

The program, "HF packet & QRP Operation," was presented by Dar Thompson, K6USW.

April's Banaba DXpedition Alan Eshleman, K6SRZ

I will be one of the T33C (Banaba) operators. We'll be on the air from April 4 to April 14 or so. All bands...all modes. No excuse not to work us! Easiest from the West Coast will be 40 CW or 15 SSB. We'll also do RTTY, satellite, and PSK. The DXpedition's web site is www.dx-pedition.de/banaba2004.

Keep your batteries charged!

W6CUS Club Station News

Texx Woodworth, KG6ATH, Digital Chair

W6CUS packet station is back online running on the spare 220 rig. The BBS didn't actually go down, but due to the 220 failure, it lost its connection to the East Bay LAN.

Additional parts for the Earth Station at the W6CUS club station have arrived, thanks to John Wood KF6HFA.

A spare computer has been installed between the two HF operating positions for future use as both a logging computer and as a RTTY station. PSK31 is a future possibility. A third HF rig is installed between the main two HF operating positions as well.

EBARC Roster Update

- **RENEWED:** Alan Eshleman, K6SRZ, 2213 Vine St., Berkeley, CA 94709, phone is 510-540-8790.
- **RENEWED:** Vern Orme, AA6YE, 801 Payne Ct., Richmond, CA 94806, phone is 510-233-4504.
- **NEW PHONE:** Stanton Gleason, KD6SWU, can now be reached via his cell phone, 510-385-4044.
- **NEW MEMBER:** Jerald (Jerry) Volpe, KG6TT, holds an Extra class license. He lives at 807 Cerrito St., Albany, CA 94706. His phone is 510-526-0494. He likes PSK-31, HF, CW, SSB, construction projects, antennas, computer networks, the Internet, and recumbent bikes. His email address is kg6tt@tomorrowsweb.com. Welcome to EBARC Jerry!

Spring Technician Class

It's not too late to sign up for EBARC's class to help students earn their Technician tickets. Classes started March 30th and meet every

Tuesday from 7:00 to 9:30 p.m. for about 11 weeks. Interested students should sign up with West Contra Costa Adult Education, 215-4666.

Public Service Volunteer Opportunities

- **Grizzly Peak Century 100 Mile Bike Ride:** Sunday, May 2 EBARC Rich Parker kd6jct@yahoo.com 510-237-2777
- **Boy Scout Hike:** 22 Mile Hike Saturday, June 5, EBARC, Stanton Gleason 510-385-4044
- **Boy Scout Hike:** 22 Mile Hike Saturday, October 23, EBARC, Stanton Gleason 510-385-4044
- **Marin Century 100/200 Mile Bike Ride:** Saturday, August 7, Randy Jenkins KA6BQF@aol.com
- **Holstein Hundred 100 Mile Bike Ride:** Saturday, August 21, Randy Jenkins KA6BQF@aol.com

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2004 are Apr. 25th, Jul. 25th, and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For more info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

Excerpts from *The ARRL Letter*

[from Vol. 23, No. 12, March 19, 2004]

ARRL Urges "Thoughtful, Considered Comments" On Proposed BPL Rules

Comments on the FCC Broadband over Power Line (BPL) Notice of Proposed Rule Making (NPRM) in ET Dockets 03-104 and 04-37 are due by Monday, May 3. The deadline for reply comments--comments on comments filed by others--is Tuesday, June 1. The ARRL will comment by the deadline on the FCC's proposals to amend its Part 15 rules to adopt new requirements and measurement guidelines for so-called "Access BPL" systems that provide broadband access via electric utility power lines. ARRL CEO David Sumner, K1ZZ, says the League recommends that members read the NPRM and develop their own thoughtful, considered comments that specifically address the FCC's BPL proposals, reflect positively on the amateur community and, if possible, offer alternative recommendations. He asked amateurs to keep four things in mind, however.

"First, this is not a proceeding to 'permit' or 'authorize' BPL," he said. "BPL is already permitted under the existing Part 15 rules."

Second, Sumner pointed out, the NPRM reaffirms that licensed services must be protected from harmful interference and are not required to protect BPL systems. "This is good, but we can't take it for granted that the principle will be honored in practice," he said.

"Third," Sumner went on, "the NPRM proposes additional, new constraints on BPL to protect licensed services. The FCC did not go far enough, but at least the proposals aim in the right direction."

Finally, while the League continues to believe firmly that BPL is "a very bad idea," arguing that the FCC should ban BPL "will not get us anywhere," he concluded. Instead, Sumner says, amateurs must document beyond any doubt the levels of protection that must be given to over-the-air services, then leave it for others to decide whether BPL is feasible within those limits. "We need to prove that the risk of interference is significantly greater than the BPL proponents say it is," Sumner said.

He also asserted that the FCC's proposed "interference mitigation" requirements fall far short of providing real protection from harmful interference, and that the Commission is ignoring the practical problems that will arise when Amateur Radio transmissions disrupt BPL systems.

Carrier current systems like BPL are subject to the FCC's Part 15 rules governing unlicensed devices, and the FCC has acknowledged that "amateur operations are likely to present a difficult challenge" to BPL deployment, especially in the case of hams--an estimated 150,000 of them--who use high-gain antennas sited near power lines. The proposed rules remain silent on the issue of mitigating BPL interference to the estimated 70,000 Amateur Radio HF mobile stations.

Interference mitigation for mobile stations "is clearly impractical," Sumner asserted. "Since BPL systems operating at the present Part 15 limit cause harmful interference to mobiles, the only solution is an absolute limit on radiated emissions that is lower than the present limit." He said the ARRL was in the process of determining scientifically what the limit must be.

Sumner further noted that the NPRM does not mandate a publicly accessible BPL database to facilitate interference mitigation for fixed stations. In addition, the League wants the FCC to establish performance standards for BPL interference mitigation. "There must be severe enforcement penalties for failure to resolve a complaint in real time and for failure to maintain the database," he said.

The League encourages anyone, particularly any radio amateurs, who have actually experienced BPL interference to file detailed comments documenting the interference. "BPL proponents claim they are not getting interference complaints," Sumner noted. "If we let them claim their systems are 'clean' when we know they aren't, shame on us."

Interested individuals and organizations may file comments via the Internet, using the FCC's Electronic Comment Filing System (ECFS) www.fcc.gov/cgb/ecfs/. In an unusual move, the FCC has added another docket number to the BPL proceeding. That could complicate filing comments and may lead to some confusion. Although the original FCC BPL Notice of Inquiry last April bore ET Docket 03-104, the recent BPL NPRM carries an additional docket number--ET Docket 04-37. The ARRL advises those posting comments to use the main ECFS page and file their comments on both proceedings--ET Docket 03-104 and ET Docket 04-37.

When submitting a comment or viewing filed comments, ECFS users should type "03-104" or "04-37" (without quotation marks but including the hyphen) in the "Proceeding" field of the ECFS on-line form. Do not use the NPRM's FCC document number when filing or searching for comments. The ECFS permits attaching a file containing detailed comments prepared off-line.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

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West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
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denver@hamradio.com

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(800) 444-9476
Gary, N7GJ, Mgr.
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(800) 444-4799
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woodbridge@hamradio.com

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- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

Low Pricing!



TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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IC-706MKIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!

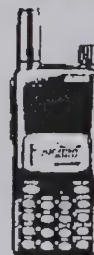


IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

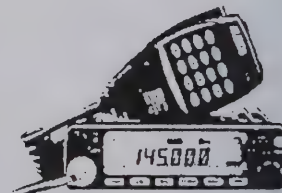
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

YAESU

VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Great Price!



FT-100D HF/6M/2M/70CM Trans.

- Compact Transceiver w/detachable front panel
- Rx 100kHz to 970mHz (cell blocked)
- Tx 100W 160-6M, 50w 2M, 20W 70CM
- Built-in DSP, Vox, CW keyer
- 300 Memories

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 5

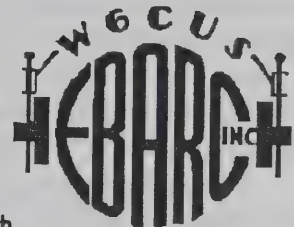
MAY 2004



EBARC Meeting

May 14, 2004
7:30 p.m.

An Exhibit of
Communications Vehicles



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: Tuesday, May 25

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Our Technician Class at West Contra Costa Adult School is going strong. We have a good turnout for the class, twelve students. The sessions run into mid-June. We thank all our volunteer instructors.

We had a very successful VE exam session in Oakland on April 25th. Most candidates passed their tests. We had one person who took and passed all four exams, earning an Amateur Extra class license.

Preparations for Field Day (June 26 - 27) are going forward. If you can help, please contact our Field Day committee chairs. A number of positions are still open. We are planning to return to the Berkeley Marina site this year.

By the time that you read this, we will have participated in our first EBARC public service event, the Grizzly Peak Century Bike Ride on May 2nd. Thanks to Rich Parker for organizing the event, and to everyone who volunteered to help. We also have the two Boy Scout hikes coming up in June and in

October. There are also events throughout the Bay Area, almost every weekend, that need amateur volunteer communicators. It's something that I find rewarding, and I hope that you will consider volunteering.

We want to thank Emily Clarke, W0EEC, from AMSAT for her excellent and informative presentation at our April meeting. Several of us had an opportunity to participate in a satellite contact.

For our May 14th meeting, we will have an exhibit of communications vehicles. We hope to see you there.

73 for now, Randy KA6BQF

EBARC's "Mom" Remembered

We mourn the loss of Molly Hall, who passed away April 17th. She is survived by husband Ralph Hall, W6EFD, who is our Club Station Trustee. She is also survived by two former EBARC Presidents; her daughter Gayle "Burgie" Jones, KE6MSF, and her son-in-law Roger Nelums, KE6SZJ. A son, Jack Hall, KA6OHW, has also been an EBARC member. Her other son Jimmy, lives in Arcata. She also leaves eleven grandchildren, nineteen great-grandchildren, and many nieces and nephews.

Molly's infectious smile has always cheered us on. She was the "Mom" who once supplied tons of food for EBARC work parties and Board meetings. Those of us who were fortunate enough to know her and taste her food know that there was lots of love mixed in!

EBARC Roster Update

- **NEW CALL SIGN:** John Wood, formerly KF6HFA, now has vanity call N6JDW.

Treasurer's Report

April, 2004

Gordon Parsons, NU6W, Treasurer

APRIL INCOME

Coffee Kitty..... \$10.00
Total April Income..... \$10.00

APRIL DISBURSEMENTS

SBC (W6CUS) \$15.96
Total Apr. Disbursements \$15.96

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,926.50
Savings (Station Fund*) \$3,952.46

*\$147.76 loaned from the General Fund, and
\$500 earmarked for W6CUS Roofing Fund.

A Fun Radio Day

Texx Woodworth, KG6ATH

This past Sunday 18 April marked the 98th anniversary of the 1906 earthquake. People gathered at "Lotta's Fountain" at 3rd & Market.

Members of the San Francisco NERT (Neighborhood Emergency Response Teams) provided assistance to the festivities as well as the San Francisco Auxiliary Communications Service (SFACS). I was invited to help out by friends in SFACS.

This was my fourth year. I heard about it in the 70's in college but never actually made it there until 2000. Thank you ACS.

We had 10 survivors of the quake there. They arrived in a police escort packed into 1920 & 1930 vintage autos. Things got harried as the entourage entered the wrong way. Activity on the 146.79 machine got hot & heavy for a bit. We should have put APRS in the cars.

Most barely remembered being carried out of the house, but they are all we have left. They

repeated stories their parents had told them of the army forbidding cooking at the risk of being shot. One family was allowed to cook but they had to take the stove out of the house and cook on the edge of the sidewalk. One survivor introduced her baby brother, who went on to be a SFFD battalion chief. He's 95.

There was a long row of vintage fire & police vehicles as well as a major portion of the SFFD & SFPS active fleet. It was likely the safest place in town at that point.

At 5:14 a.m. the sirens were blown on anything that had a siren. Finally we had a minute of silence for those lost, the hanging of the wreath on the fountain and a few words from the Office of Emergency Services and the Red Cross. The new SFFD chief was introduced.

The St. Francis Hook & Ladder Co (firefighting historical society) demonstrated the erection of a turn of the century 65ft ladder, which was then scaled by someone dressed in a turn-of-the-century firefighting uniform, who placed an American flag at the top.

The quake remembrance was almost a casualty of budget crunch several years ago. St Francis hook & ladder Co, SF Historical Society and Sees Candy have taken over the event. Chuck Huggins, CEO of Sees and his wife are very active in the event. His wife dresses as Carrie Coit of Coit Tower fame. (It's said that Carrie had a thing for firefighters)

After the quake, Lotta's Fountain (Gift to the city some time back from Lotta Crabtree) became a message center. It was one of the few places with running water still and became a place where people left messages for each other. This is why it was chosen as site for the remembrance.

After loading the survivors back into their cars for breakfast at the St. Francis, we cleaned up the site and headed off for the next portion of the festivities.

At 20th & Church stands a fire hydrant painted metallic gold. It is world famous. This hydrant was still working after the quake and is credited with saving the Mission district. For many years "The Phantom" painted it metallic gold on the anniversary of the 1906 quake. Finally in the 1970s one of the SF papers staked out the site and caught "The Phantom" AKA: "Doc Brooks". Since then, this is the 2nd ceremony, the painting of the hydrant.

Much of the audience followed the long line of Police & Fire vehicles up to 20th & Church. Once his "cover was blown", it made sense to make this a public event. Everyone who comes is invited to take a shot at the hydrant, preferably dedicating it to some connection to the quake.

My favorite was from a man with very long red hair who dedicated it to several of his family members who survived the quake. He also added an "And up yours Colonel Funston, for blowing up my granddad's hardware store!" The audience was hysterical with laughter.

I took a shot with the spray can and dedicated it to the West Contra Costa County RACES & ARES as well as Kensington El Cerrito NEAT. I also got laughs for my observation that only in San Francisco can you "tag" city property in front of the police and get away with it.

As things wound down, I had a chance to chat with the CEO of the Red Cross. He is willing to help us secure donations toward the new roof in Richmond and thanks us for helping them keep some presence in Richmond.

I also got a tour of the Red Cross Communications van and met the Red Cross Radio manager. He's also a ham. The radio infrastructure for the Red Cross has fallen on hard times in recent years and he is trying to rebuild it. He is very happy to find out that Richmond is still operational.

The backbone of Red Cross radio is still on 47mhz. They have some handheld 462 Mhz

but its low power more for simplex between people within a shelter. Most of the 800 Mhz repeaters for the Red Cross in the Bay Area seem to be down.

Public Service Volunteer Opportunities

- **Boy Scout Hike:** 22 Mile Hike Saturday, June 5, EBARC, Stanton Gleason 510-385-4044
- **Boy Scout Hike:** 22 Mile Hike Saturday, October 23, EBARC, Stanton Gleason 510-385-4044
- **Marin Century 100/200 Mile Bike Ride:** Saturday, August 7, Randy Jenkins KA6BQF@aol.com
- **Holstein Hundred 100 Mile Bike Ride:** Saturday, August 21, Randy Jenkins KA6BQF@aol.com

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2004 are Jul. 25th and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For more info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2004 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	385-4044
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RFI Committee Chair.....	
Historian	
Silent Key Chair.....	
John Wood N6JDW, Member-at-Large	234-0527

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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Janet, KL7MF, Mgr.
anaheim@hamradio.com

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(800) 854-6046
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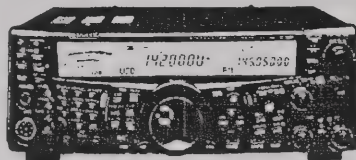
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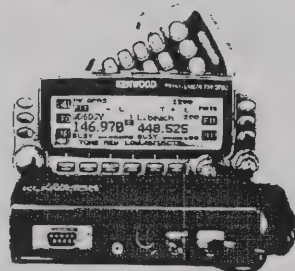
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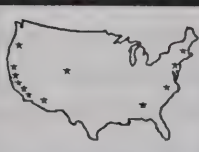
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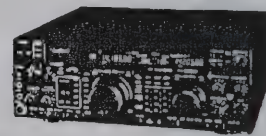
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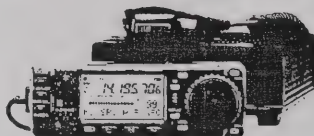
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IC-706MkIIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
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- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

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- Enhanced 5 inch color TFT w/spectrum scope
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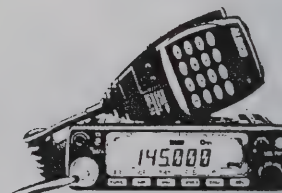
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
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- CTCSS/DCS Encode/Decode built in

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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CLUB STATION W6CUS

VOLUME LVII NUMBER 6

JUNE 2004



EBARC Meeting

June 11, 2004
7:30 p.m.

Planning for
Field Day 2004



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Deadline for July issue: Tuesday, Jun. 22

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Preparations for Field Day (June 26 - 27) are going forward, and will be the subject of our June membership meeting. If you can help, please contact our Field Day committee chairs. Peter Hoffman reports that we still need help with the food. We are returning to the usual Berkeley Marina site (Cesar Chavez Park) this year. We should have a competitive setup again this year thanks to the good work by the committee.

We will be participating in our second EBARC public service event, our first Boy Scout Hike on June 5th. Thanks to Rich Parker for organizing the event, and to everyone who volunteered to help.

We also have a Boy Scout hike coming up on October 23rd. There are also events throughout the Bay Area, almost every weekend, that need amateur volunteer communicators. It's something that I find rewarding, and I hope that you will consider volunteering. John Wood (N6JDW) and I had the opportunity to help the Davis club with the Davis Double Century Bike Ride a couple of weeks ago, lots

of fun! I will be looking for volunteers to help with two bike rides in August over in Marin; the Marin Double Century on August 7th and the Holstein Hundred on August 21st. Please contact me if you would like to help.

Our Technician Class at West Contra Costa Adult School is going strong. We have a good turnout for the class. The sessions run into mid-June, with a VE Exam on June 15. We thank all our volunteer instructors, and our students who put up with us.

We want to thank Ed Richie for bringing the San Ramon Valley FD communications vehicle for the presentation at our May meeting. June is Field Day planning. Alan Eshleman is planning to report on his experiences on the T33C DXpedition this spring in July.

We hope to see you at the next meeting.

General Meeting Minutes May 7, 2004

John Wood, N6JDW, Acting Secretary

Meeting called to order by President Randy Jenkins, KA6BQF, on May 14 at 7:30 p.m.

There Trustee Ralph Hall and Secretary Bob Uhrhammer were not present, so John Wood volunteered to take minutes.

Station Manager Stanton Gleason, KD6SWU:

- 1) The cables on the station crank-up tower need to be replaced.
- 2) A building fund has been established for the upcoming club station building repair/replacement. If you wish to contribute please see any club officer.

1st VP Peter Gaposchkin, KB6WC: So far no speaker for July. Alan Eshleman, K6SRZ, offered to review the recent DXpedition that he attended for the July meeting.

2nd VP Texx Woodworth, KG6ATH: Randy made the cookies but that perhaps having snacks with fewer calories might be PC right now. Talk to Texx about it if you have a comment on the issue. Texx also mentioned that the East Bay Section is recruiting Official Observers. Put your direction finding skills to work and volunteer. See Texx. Also, the 4Cs' 2 Meter machine is getting attacked from time to time, hence, the need for the OO.

3rd VP Sharon Primbsch, AA6XZ:

- 1) asked if there would be a board meeting on July 2nd (so close to July 4). Randy said yes.
- 2) Burgie and Roger have rejoined. Welcome again folks.
- 3) HRO paid their bill for 5 years' prior and the current year's advertising in the Blown Fuse. Thanks for the \$660 HRO!

Education report (Randy): Tech class at Alvarado School is proceeding well. We still have 9 students.

Field Day report (Peter Hoffman W6DEI):

- 1) The City of Berkeley has issued the permit for the use of the usual site (at Cesar Chavez Park). They also waived the fee this year. Perhaps not next year.
- 2) The KK6PH Cushcraft tri-band Yagi has been tested and found to be (probably) okay. We'll put it up on Field Day and try it.
- 3) Food for Field Day: Peter, W6DEI, will be responsible for the food. He is inviting volunteers to help in the Salvation Army canteen (which we will again have, barring an emergency callout). There was also a suggestion that we do a potluck for meals. Peter will decide and request pledges of dishes. Think about what you would like to bring to share with the troops. Texx mentioned that the club station has *lots* of plastic ware. Don't buy any more.
- 4) Alan Eshelman will be responsible for the CW tent again. Peter would appreciate others volunteering for the other tents.

- 5) John Billones, WD6GGC, has the food tent. Please plan to pick it up sometime. It was a donation from Harry Bier's wife, Olga.

Meeting was adjourned at 8:00 p.m. by Randy.

Field Day June 25-27!

Field Day Planning will happen at our June 11th meeting. Our co-chairs Alan Eshleman, K6SRZ, and Peter Hoffman, W6DEI, will coordinate the effort. Bring your brain, your list of stuff to offer for the weekend, and a way to write down the stuff you plan bring to the event (don't forget a hat, layered clothing, sunscreen, and a labeled coffee mug).

The EBARC Field Day site is at the northwest end of Cesar Chavez Park in Berkeley. From I-80, take the University Ave. exit and head west. Turn right onto Marina Blvd., then left onto Spinnaker Way. The site itself is north of the traffic circle at the end of Spinnaker, just over the first hill. Parking will be available, probably in the lot about halfway along Spinnaker Way (or along Spinnaker itself). There will probably be transportation from the parking area to the site if you don't want to "hoof it". Do not park in the traffic circle, as it is locked overnight! Setup starts 11 a.m. local time Friday June 57th. The event itself starts at 11 a.m. Saturday and lasts 24 hours.

Treasurer's Report May, 2004

Gordon Parsons, NU6W, Treasurer

MAY INCOME

Renewals: KC6ONS, KE6EVA	\$50.00
Family Renewal: KE6MSF/KE6SZJ...	30.00
Donation (Jones/Nelums)	5.00
Coffee Kitty	15.00
HRO advertising	<u>660.00</u>

Total May Income \$760.00

MAY DISBURSEMENTS

EBARC Roster Printing \$8.88
Blown Fuse Printing (April) 22.95
Blown Fuse Postage (April)..... 14.43
Blown Fuse Printing (for class) 5.74
Blown Fuse Printing (May) 21.43
Blown Fuse Postage (May) 12.58
SBC (W6CUS) 15.89
Tax Preparation (A. Streit) 150.00
Total May Disbursements \$251.90

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,759.60
Savings (Station Fund*) \$4,627.46

*\$147.76 loaned from the General Fund, and
\$500 earmarked for W6CUS Roofing Fund.
*[The \$660 from HRO was deposited into the
Savings account – Editor]*

Our 2003 tax report has been filed with the IRS. Once again, our tax preparation was done by former EBARC member Al Streit, KG6HF. We saved about \$50 thanks to Randy Jenkins, who did some preliminary work prior to sending the tax data to Al Streit.

ARRL E-Mail Forwarding Service Changes *[adapted from the ARRL Letter 05-14-04]*

The ARRL E-mail Forwarding Service has instituted several changes to reduce the volume of unwanted e-mail traffic while evening the flow of desired correspondence. One outcome has been a reduction in "spam" via @arrl.net e-mail addresses. Daily volume on the free-to-ARRL-members service and the number of users, 63,000 and rising, has grown dramatically, requiring some mitigation.

Volume was approaching a million messages per day, which threatened to overwhelm the resources of the servers that maintain and process the e-mail for the Forwarding Service. Because of the volume of spam, Internet service providers (ISPs) would periodically

refuse to accept messages originating from @arrl.net addresses, mistakenly identifying the Forwarding Service as a spam source.

The Forwarding Service vendor updated its Realtime Black Lists to include many more targeted spam sources. It also reduced the amount of time a message remains in a queue on the @arrl.net servers before the sender receives a delivery failure message. Although the vendor adjusted the number of recipients the Forwarding Service server will process at any one time, there is no limit on the number of addressees. This means that the sending server may have to deliver a given message more than once to reach all intended recipients.

Members can help reduce their vulnerability to spam by not posting their @arrl.net e-mail addresses on public Web sites.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2004 are Jul. 25th and Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

KEEP YOUR BATTERIES CHARGED!

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2004 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair.....	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	385-4044
Ralph Hall W6EFD, W6CUS Trustee.....	232-0727
Henry Primbsch KK6PH, Education	741-8227
Peter Hoffman W6DEI, Field Day Co-Chair	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair	
Joe Lee W6DOB, Awards Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair.....	
Historian	
Silent Key Chair.....	
John Wood N6JDW, Member-at-Large.....	234-0527

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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(Near Disneyland)
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(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
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(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

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94085
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(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

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(Near Philadelphia)
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(302) 322-7092
(800) 644-4476
Jim, KA3LL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

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11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, N7IXX, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

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(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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(800) 444-4799
Steve, N4SR, Mgr.
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woodbridge@hamradio.com

SALEM, NH
(Near Boston)
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(800) 444-0047
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- IF Stage DSP • Built-in TNC, DX packet cluster
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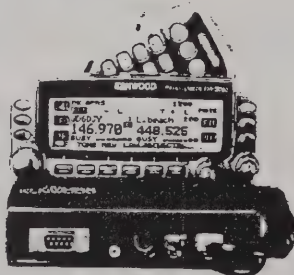
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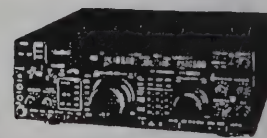
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- Compact Transceiver w/detachable front panel
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- 300 Memories

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- Enhanced Digital Signal Processing
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- Collins SSB filter built-in
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510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

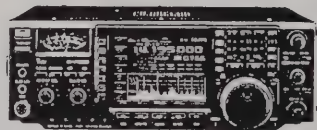
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IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
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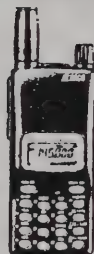


IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
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The Ultimate Radio!

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DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
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DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

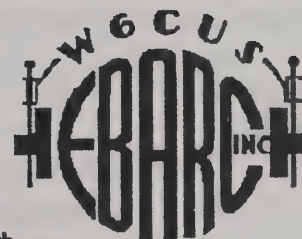
VOLUME LVII NUMBER 7

JULY 2004

EBARC Meeting

July 9, 2004
7:30 p.m.

"Banabas DXpedition"
Alan Eshleman, K6SRZ



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Aug. issue: Tuesday, Jul. 27

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I'm writing this just before Field Day. Our committee has been hard at work, and we should have a good setup once again this year. We'll have a report in the July issue.

We have a Boy Scout hike coming up in October. Contact Stanton if you can help. There are also events throughout the Bay Area, almost every weekend, that need amateur volunteer communicators. It's something that I find rewarding, and I hope that you will consider volunteering. I will be looking for volunteers to help with two bike rides in August over in Marin County; the Marin Century / Mt Tam Double Century on August 4, and the Holstein Hundred on August 18. Please contact me if you would like to help.

Our Technician Class at West Contra Costa Adult School has concluded. Eight of ten candidates passed their Technician tests on June 15. We thank our volunteer instructors and our students who put up with us.

We need to think about getting a new roof on the club station, or we may have a lot of leaks this winter. The cables on the crank-up tower are showing corrosion and need replacement. We have lowered the tower for safety until we get them replaced.

Alan Eshleman is planning to report on his experiences on the T33C Dxpediton this spring at the July meeting. Peter is working on the program for August. Henry and Sharon have lined up a speaker for the September meeting on software-defined radios.

We hope to see you at the next meeting. 73 for now.

General Meeting Minutes June 11, 2004

Sharon Primbsch, AA6XZ, Acting Secretary

Meeting called to order by President Randy Jenkins, KA6BQF, at 7:35 p.m.

Minutes of the May meeting were approved as published in the *Blown Fuse*.

Station Manager Stanton Gleason, KD6SWU:

- 1) The cables on the station crank-up tower will be removed and examined. They will either be lubed and reinstalled or replaced with new cables.
- 2) The tower next to the large Red Cross building will be removed in demolition. We will need a new place for 40- and 80-meter dipoles. Electrical and phone services may need to go underground to the Annexes.
- 3) It is unknown whether Richmond will wish to demolish the Annexes also.

1st VP Peter Gaposchkin, KB6WC Alan Eshleman, K6SRZ, will talk about his recent DXpediton for the July meeting. The August meeting may have a talk on software radios.

2nd VP Texx Woodworth, KG6ATH: Randy made the cookies for tonight. Please feed the kitty. Pacificon is the weekend of Oct. 16th. The AO-50 satellite was launched. See amsat.org for more information.

3rd VP Sharon Primbsch, AA6XZ:
Welcomed four visitors from the current EBARC-taught Technician class.

Education report : EBARC will not teach a fall electronics class, but may teach a General upgrade class.

Treasurer Gordy Parsons, NU6W: He read the June treasurer's report.

Member-at-Large John Wood, N6JDW: He arranged to have the satellite transceiver at the club station repaired.

President Randy Jenkins, KA6BQF: The Boy Scout Walk was successful. There are several Marin public service events that need volunteer ham operators.

New Business: Texx would like the club to buy 8 plastic boxes to store Field Day equipment in the Club Station attic. John Wood will donate 5 of them.

Meeting was adjourned at 7:56 p.m. by Randy.

Program: Peter Hoffman W6DEI and Alan Eshleman, K6SRZ, led a discussion of preparations for our upcoming Field Day at Cesar Chavez Park at the Berkeley Marina the weekend of June 25-27th.

Peter Gaposchkin and Stanton Gleason won the door prizes of *World Radio* subscriptions.

The July program will be presented by Alan Eshleman, K6SRZ. He'll tell us about his very successful DXpedition to Banaba. The expedition's call was T33C.

Treasurer's Report

June, 2004

Gordon Parsons, NU6W, Treasurer

JUNE INCOME

Coffee Kitty	\$11.00
Total June Income.....	\$11.00

JUNE DISBURSEMENTS

Blown Fuse Printing	\$25.44
Blown Fuse Postage.....	12.95
Icom connector (J. Wood)	40.00
SBC (W6CUS).....	16.01
Total June Disbursements	\$94.40

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$3,665.20
Savings (Station Fund*)	\$4,638.46

*\$147.76 loaned from the General Fund, and \$500 earmarked for W6CUS Roofing Fund.
[The \$660 from HRO was deposited into the Savings account – Editor]

Attention New Members

by Sharon Primbsch, AA6XZ
Editor and Membership Chair

Welcome to EBARC. We hope you'll have as much fun as the rest of us do. You each have a complimentary membership for the rest of 2004, since you attended the recent EBARC Technician class. All of you will be getting this issue of the *Blown Fuse* as paper mail, because it will include a club roster and information about joining ARRL. If you join ARRL by paying EBARC's treasurer, Gordy Parsons, our club will get a "piece of the action" in the form of part of your membership fee! If you asked for an email version of the newsletter, you'll get that also. You'll need Adobe Acrobat 5.0 or greater to read it. Let me know if you have problems receiving the newsletter electronically (aa6xz@earthlink.net)

Manual Wanted

Joe Lee, W6DOB, is looking for a service manual for a Kenwood 732. If you can help, please call him at 724-0533.

EBARC Roster Update

- **NEW MEMBER:** David MacDonald, Technician, KG6GHA. P.O. Box 71216 Richmond, CA 94807. 232-2321.
 - **NEW MEMBERS:** Linda Nowell, KG6VLX, and Keith Nowell, KG6VLY, are both new Technicians. 5671 Nottingham Ct., El Sobrante, 94803. 223-8609. Their interests include special events, open water swimming, hiking, biking, snow camping, and rock climbing.
 - **NEW MEMBER:** Jean Moran, A new Technician, KG6VMC, P.O. Box 71243, Pt. Richmond, 94807. 215-2304. Jean is interested in hydrogeology, tide-pooling, and weaving.
 - **NEW MEMBER:** Robert L. Bowling, is a new Tech Plus, KG6VME. 945-34th St., Richmond, 94805. 233-5749. Robert is interested in HF and 2 Meters. He's also into R C aircraft [*What's that Robert?-Ed.*]
 - **NEW MEMBERS:** Bonnie Napier-Tibere, KG6VLZ, is a new Technician. 15 Dias Ct., El Sobrante, 94803. 223-2953. She's into computers and Web pages and wants to learn "what's what". Her husband, Love Tibere, has also joined EBARC and is studying for his Technician license.
 - **NEW MEMBER:** Albert P. Mossman, a new Technician, KG6VMA. 3901 Forest Hill Ave., Oakland, 94602. 531-7716. He's interested in emergency communications for his neighborhood.
 - **NEW MEMBER:** Tom Vargo, a new Technician, KG6VMD. 2835 Shasta Rd., Berkeley, 94708. 849-1924.
-

KEEP YOUR BATTERIES CHARGED!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
 - Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
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 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
-

ARRL IN SUBSTANTIAL AGREEMENT WITH FCC ON WIDE-RANGING PROPOSALS

[Excerpt from "The ARRL Letter" 6/14/04]

The ARRL told the FCC this week that it substantially agrees with the Commission's proposed wide-ranging changes to Part 97 Amateur Service rules. [Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 04-140]

In a significant item related to license restructuring, the NPRM&O recommended adoption of the ARRL's "Novice refarming" plan, spelled out in RM-10413. The League's later license restructuring petition, RM-10867, incorporates refarming--a realignment of HF subbands. Noting that the approaching low point of the sunspot cycle typically means a migration to the "substantially overcrowded 80 and 40-meter bands," the ARRL urged the FCC to act swiftly on the ARRL-proposed band realignments.

Under the now FCC-endorsed ARRL plan, current Novice and Technician Plus (i.e. Technician with Element 1 credit) licensees could operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200-W output. The plan also would mean changes in the 80, 40 and 15-meter phone bands for General and higher class operators.

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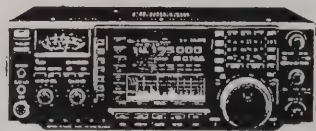
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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 8

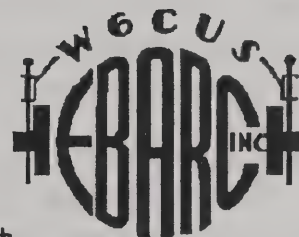
AUGUST 2004



EBARC Meeting

August 13, 2004
7:30 p.m.

Program
To Be Announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Sep. issue: Tuesday, Aug. 24

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Field Day was a great success. Our committee and all the people who volunteered did a bang-up job. Our committee chairs deserve a round of applause.

It is time to appoint a nominating committee for the 2005 club officers and directors. We need assistance in recruiting candidates for the November election. Please consider assisting or serving if asked.

As reported last month, the cables on the crank-up tower at the club station were showing corrosion and in need of replacement. We had lowered the tower for safety until we get them replaced. Ralph has obtained the new cables. We will need a work party to install them, and get the tower back up. We also need to think about getting a new roof on the club station, or we may have a lot of leaks this winter. We will need a bit of help to get this done. So far we have donations of \$500 and offers of labor to assist. If you can help, we can get this accomplished before it starts to

rain.

Some months back, John Wood donated the equipment to set up a satellite station at the club. Installation of the antennas is awaiting the completion of the roofing project.

We have a Boy Scout hike coming up in October; contact Stanton if you can help. There are also events throughout the Bay Area, almost every weekend, that need amateur volunteer communicators. It's something that I find rewarding, and I hope that you will consider volunteering. I will be looking for volunteers to help with two bike rides in August over in Marin County; the Marin Century / Mt. Tam Double Century on August 7 and the Holstein Hundred on August 21. Please contact me if you would like to help.

We had another successful VE session in Oakland; one upgrade, and eight new hams.

Thanks to Alan for a great presentation on the Bonaba DXpedition at our July meeting. Peter is working on the program for August. Henry and Sharon have lined up a speaker for the September meeting on software-defined radios.

We hope to see you at the next meeting. 73 for now, Randy KA6BQF

Field Day 2004 Report

Peter Hoffman, W6DEI, FD Co-chair

Well, I'm happy to report that Field Day 2004 was another very enjoyable one for me and, I hope, all the participants. Considering where we are in the solar cycle our QSO numbers were pretty darned good. The CW guys, as usual, competed like pros. And this year, thanks to Jerry Volpe and Greg Small, we did an amazing number of PSK31 contacts. The QRM on the SSB portion of the bands was the

worst I've ever heard, but we still managed a respectable total too.

I want to thank everyone who participated, especially all the "muscle" that helped lug stuff from the attic at the club station to the park, set things up, tore things down, and hauled it all back to the attic. It's always a herculean effort and all the help is very much appreciated. As usual, security (Rich and Alex) and electric power (Stanton) ran so smoothly that we hardly even noticed all the work involved, so a big thanks to those guys too.

Some very good suggestions for improvement came out of this year's effort. To mention just a few: (1) bring less stuff like coax, rope, stakes, etc. (2) set up a phased-array of verticals for the low bands to boost gain and minimize cross-station interference, (3) get some narrow SSB filters for at least one of the club HF xcvrs.

Finally, here are the tentative numbers that made up our total score:

CW QSOs:	1159	CW Points:	2318
PSK QSOs:	125	PSK Points:	250
SSB QSOs:	346	SSB Points:	346
TOTAL:	1630		2914

Multiply all that times 2 for using <150 watts for a QSO score of 5828

Bonus Points:

100 points for 100% emergency power
100 points for being in a public place
100 points for copying the W1AW message
100 points for having an information booth
100 points for using solar power for 10 QSOs
100 points for attendance by a served agency (Salvation Army)

50 points for submitting our results via the ARRL website

for 650 total bonus points and a grand score of 6,478

Suggestions for improvements for next year are more than welcome, whether they

refer to the technical aspect of things or, more importantly, how to make this event even more enjoyable for those who participate and how to encourage more of us to take part.

Treasurer's Report

July, 2004

Gordon Parsons, NU6W, Treasurer

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$3,665.20

Savings (Station Fund*) \$4,638.46

*\$147.76 loaned from the General Fund, and \$500 earmarked for W6CUS Roofing Fund.

There was no income or disbursements for July, except for one or two delayed submissions, which will appear in the August report.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h).
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2004 is Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

The AMSAT-Echo Satellite is Now Called AO-51 Dar Thompson, K6USW

Echo Satellite is still going thru testing. So far all is going well. You can still check for telemetry on 435.150 MHz. As soon as the final channels are set, I will let all of you know. The FM repeater transmit was changed from 435.225 MHz to 435.300 MHz during testing. When it is first opened for general use, the packet system will be turned on first, and then later the FM repeater will be turned on. I will have more updated information at the next meeting. For all the information on AO-51 check the AMSAT Web site.

FCC TURNING BLIND EYE IN BPL PROCEEDING, ARRL CHARGES *[Excerpt from "The ARRL Letter" 6/26/04]*

The ARRL says the FCC apparently has already made up its mind about broadband over power line (BPL) and "wants no bad news" about the technology. In reply comments filed June 22 on the FCC's Notice of Proposed Rule Making in ET Docket 03-47, the League called on the Commission to take "a fresh look" at BPL before enabling its deployment. Again asking the FCC to put the proceeding on hold for a year, the League recommended that the Commission in the meantime require BPL providers to conduct FCC-monitored interference testing with all stakeholders. The ARRL charged that while an overwhelming majority of comments oppose BPL due to interference concerns, the FCC continues to rely on what the League called "vacuous assurances that BPL would not cause harmful interference." Test data and a growing record of unresolved complaints indicate otherwise, the ARRL said.

"ARRL is of the view that this proceeding has been prejudged and will, in the end, be decided not on the technical issues that should control the outcome of this proceeding, but on the politics of the matter," the League commented. "Given the evidence on the Commission's table, it cannot now authorize BPL at the radiated emission levels proposed, and without substantial restrictions."

Among those restrictions, the League recommended keeping BPL altogether away from all Amateur Radio allocations, should the FCC decide to authorize BPL under its proposed rules. As an alternative, the FCC

should guarantee that an interfering BPL system can be shut down immediately in the face of a valid complaint, "not after a BPL provider has taken months to discover that the interference cannot be resolved."

To date, the ARRL contended, the FCC has seemingly ignored the League's BPL technical studies as well as the National Telecommunications and Information Administration (NTIA) Phase 1 BPL study that clearly demonstrate BPL's interference potential. Five additional technical evaluations accompanied the ARRL's reply comments.

"The Commission is obligated by the Administrative Procedure Act to look for fire where it is shown a good deal of smoke," the League said. "Here there is far more than smoke in the record." Any decision in the BPL proceeding "must be supported by substantial evidence," the ARRL asserted.

The League said the results of both its studies and the NTIA's "are entirely consistent." Referring to the NTIA Phase 1 analysis, the ARRL said it's "quite reasonable to assume that the interference potential of BPL systems to fixed HF Amateur Radio stations is on the order of 460 meters (approximately 1509 feet) from the nearest BPL device." No proposals address BPL interference mitigation for mobile stations, the ARRL noted.

While commenting extensively on--and in some instances agreeing with--the NTIA's late-filed comments, however, the League said they depict an agency that must "balance dual and, in this case, conflicting roles" as the White House telecommunications policy advocate. The League questioned the NTIA's contention that BPL is a "win-win" situation and its deployment would lead to lower power line noise.

"Not so," the ARRL countered. "Licensed radio services operating in the sensitive HF environment should not have foisted upon them a substantial interference risk from unlicensed devices or systems whatsoever." The League said replacing one interference source with another in the same bands is "not in any way beneficial."

The ARRL also faulted the FCC for neglecting to acknowledge or respond to a mounting number of interference complaints, most from amateur licensees living in BPL field trials areas. "The Commission has, as of this writing, adjudicated not a single one and has ignored repeated requests from licensed radio amateurs for even a confirmation of receipt of their complaints!" the ARRL emphasized. The League also expressed little confidence in utilities that have failed to resolve power line noise complaints to do any better with BPL complaints....

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- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

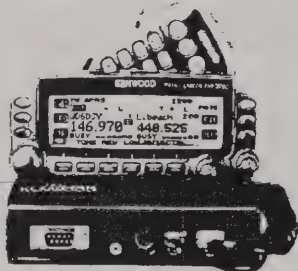
Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

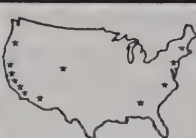
Low Pricing!



TM-D700A 2M/440 Dualband

- 50W VHF 35W UHF • Opt. Voice Synthesizer
- Receives 118-1300 MHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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FREE SHIPPING**
UPS - Most Items Over \$100



**Rapid Deliveries From
The Store Nearest To You!**

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VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIREless compatible

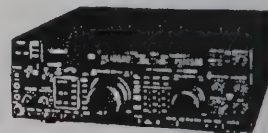
Great Price!



FT-100D HF/6M/2M/70CM Trans.

- Compact Transceiver w/detachable front panel
- Rx 100kHz to 970mHz (cell blocked)
- Tx 100W 160-6M, 50w 2M, 20W 70CM
- Built-in DSP, Vox, CW keyer
- 300 Memories

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

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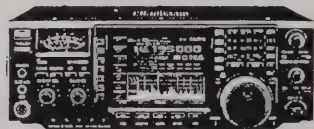
ICOM



IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

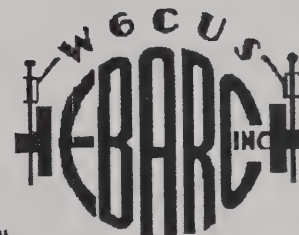
VOLUME LVII NUMBER 9

SEPTEMBER 2004

EBARC Meeting

September 10, 2004
7:30 p.m.

"Software-Defined Radios"
Stan Salek, NJ6E



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Sep. issue: Tuesday, Sep. 21

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I would like to thank the EBARC members who assisted the Marin Club with communications duties for the Marin Century / Mt. Tam Double Century and Holstein Hundred bicycle rides. Your participation a key factor in the very successful effort in covering these events; well done! Thanks to Chris Wong, John Wood, Stanton Gleason, Bob Bowling, Texx Woodworth and Michael Hole.

It is time to appoint a nominating committee for the 2005 club officers and directors. We need assistance in recruiting candidates for the November election. Please consider assisting or serving if asked.

As reported previously, the cables on the crank-up tower at the club station were showing corrosion and in need of replacement. We had lowered the tower for safety until we get them replaced. Ralph has obtained the new cables. We will need a work party to install them and get the tower back up.

We still need to think about getting a new roof on the club station, or we may have a lot of leaks this winter. We will need a bit of help to get this done. So far we have donations of \$500 and offers of labor to assist. If you can help, we can get this accomplished before it starts to rain.

We have a Boy Scout hike coming up in October, contact Stanton if you can help.

We have another VE session in Oakland coming up in October. If you are ready to upgrade, we will be happy to accommodate you.

Pacificon is also coming up in October, mark your calendars for the third weekend.

Thanks to Bob Urhammer for a great presentation on EarthScope at our August meeting. Henry and Sharon have lined up a speaker for the September meeting on software-defined radios. Peter is working on the program for October.

We hope to see you at the next meeting.

73 for now, Randy KA6BQF

General Meeting Minutes July 9, 2004

Bob Uhrhammer, WB6VEX, Secretary

Meeting was called to order at approximately 7:30 p.m. The agenda was accepted as presented.

Secretary Bob (WB6VEX): The minutes of the previous meeting were accepted as published. The only correspondence was a LARK Bulletin.

Trustee Ralph (W6EFD): Nothing to offer.

Station Manager Stanton (KD6SWU): Club station roof and tower repair plans in works.

Field Day Chair Peter (W6DEI): Thanks for effort. CW had 1159 contacts which was up from last year. The PSK effort yielded 125 QSOs and we accumulated 2914 bonus points. It was suggest that we try phased vertical arrays next Field Day. Final report published in *Blown Fuse*.

Treasurer Gordy (NU6W): Report published in *Blown Fuse*.

President Randy (KA6BQF): Two public service events (bike rides in Marin County) coming up. Received ham gear from widow of deceased ham. We used the Salvation Army Canteen - Marin unit. Gave list of what is wrong with Canteen to SA. Four Cs / EBARC picnic is coming up the third Sunday of September. VE session on July 25th. Visitors were KD6SDW and KD6SDR.

Dar (K6USW) reported that the ECHO satellite ~~was successfully launched on a Russian~~ rocket and it is being tested at present. The 435.150 MHz telemetry is active. The satellite has a 4W 2M repeater onboard. See www.amsat.org for details.

A fascinating program on the Banaba DXpedition 2004 (T33C) was presented by Alan Eshleman. The T33C operators made 77k contacts in 12 days of operation. Details are available via the web at URL: www.dxpedition.de/banaba2004/.

General Meeting Minutes August 13, 2004

Bob Uhrhammer, WB6VEX, Secretary

Meeting was called to order at approximately 7:30 p.m. The Agenda was accepted as presented.

Secretary Bob (WB6VEX): Acceptance of the minutes of the previous meeting was tabled. There was no significant correspondence.

Station Manager Stanton (KD6SWU): Report on bean and tower repair. Cable was removed for lubrication.

First VP Peter (KB6WC): September program will be on Software Defined Radios.

Third VP Sharon (AA6XZ): Introduced new member Michael Hole.

Education Chair Henry (KK6PH): No Report.

Field Day Chair Peter (W6DEI): Final report published in *Blown Fuse*.

Treasurer Gordy (NU6W): No report. Bills were \$425 to Ralph Hall for new tower cables and \$16.25 for club station telephone.

President Randy (KA6BQF): Busy time with Marin public service events (bicycle rides). Working on tower - cable tube and bolts. Will set up work party for club station tower and roof repair. Dar (K6USW) reported that EchoLink satellite is above horizon 5 times per day (145.92 uplink and 435.3 downlink frequencies).

Joe (W6DOB): See Joe for Club Badges (\$5) and there are two Club Jackets available (XL - \$35 and M - \$25).

Old Business: None.

New Business: Burgie Jones, KE6MSF, will head Election Committee.

The program "Project Earthscope: A Major Research Equipment Initiative" was presented by Secretary Bob (WB6VEX). Detailed information about "Earthscope" is available online at www.earthscope.org.

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General Meeting Minutes

August 13, 2004

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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2004 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	385-4044
Ralph Hall W6EFD, W6CUS Trustee & Packet SysOp.....	232-0727
Henry Primbsch KK6PH, Education	741-8227
Peter Hoffman W6DEI, Field Day Co-Chair	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair	
Joe Lee W6DOB, Awards Chair & Silent Key Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair	
Historian	
John Wood N6JDW, Member-at-Large.....	234-0527

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
EBARC 10M Informal SSB Net	Mon	1900	28.395
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
"Low Tech" Net (continued at 1930 on 40M SSB)	Wed	1900 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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(800) 854-6046
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anaheim@hamradio.com

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(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

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(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandygo@hamradio.com

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94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

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(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
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97223
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(800) 854-6046
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Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

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(800) 444-9476
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1 mi. east of I-17
phoenix@hamradio.com

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(800) 444-4799
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woodbridge@hamradio.com

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(Near Boston)
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(800) 444-0047
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TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

Low Intro Price!



TH-D7A(G) 2M/440

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Great Price!



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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 10

OCTOBER 2004



EBARC Meeting

October 8, 2004
7:30 p.m.

Program
To Be Announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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Deadline for Nov. issue: Tuesday, Oct. 26

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I would like to thank everyone who assisted with the work party at the club station on September 18. We got the tower locks reinforced, the new support cables strung, and the antennas checked out and remounted on the tower. We will get the base mounting bolts replaced, and then we can crank the tower back up. Thanks.

We still need to think about getting a new roof on the club station, or we may have a lot of leaks this winter. We will need a bit of help to get this done. So far we have donations of \$500 and offers of labor to assist. If you can help, we can get this accomplished before it starts to rain.

We have a Boy Scout hike coming up on Saturday, October 23. Contact Stanton if you can help.

We have another VE session in Oakland coming up on Sunday, October 24. If you are ready to upgrade, we will be happy to accommodate you.

It is time to think about who will serve as the 2005 club officers and directors. We need assistance in recruiting candidates for the November election. Please consider assisting or serving if asked.

Pacificon is also coming up October 15, 16, and 17. Mark your calendars for the third weekend. Tickets are available at the Pacificon website, www.pacificon.org. Preregistration ends October 8.

If you have changed your e-mail address, please let us know. The *Blown Fuse* and monthly meeting reminders can come to you electronically, if we have your latest address.

Thanks Stan Salek, NJ6E for his excellent presentation on software-defined radios at the September meeting. Peter is working on the program for October.

We hope to see you at the next meeting.

Packet Report for August, 2004

Ralph Hall, W6EFD, Packet SysOp

The W6CUS BBS received 1,430 incoming bulletins from its source, WA6ZTY. The average daily incoming bulletins was 46, average daily active bulletins was 423. There were a total of 12 packet user log-ons and no BBS down time.

Call for Ham Volunteers

The Breast Cancer Fund is sponsoring a bikeathon fundraiser in Oakland. *Bike Against the Odds* is especially looking for equipped SAG drivers, some with bike racks. This year's event will be on Sunday, October 24 from 7 a.m. to 3 p.m. Send email to Mike Pompa, KB6MP, mikep@pdarrl.org, for more information or to volunteer. You can also reach him in the evenings at 510-531-8209.

Addition to General Meeting Minutes for August 13, 2004

[The following was mistakenly omitted from the last newsletter for members who receive printed copies of The Blown Fuse – Editor]

Joe (W6DOB): See Joe for Club Badges (\$5) and there are two Club Jackets available (XL - \$35 and M - \$25).

Old Business: None.

New Business: Burgie Jones, KE6MSF, will head Election Committee.

The program "Project Earthscope: A Major Research Equipment Initiative" was presented by Secretary Bob (WB6VEX). Detailed information about "Earthscope" is available online at www.earthscope.org.

General Meeting Minutes September 10, 2004

Sharon Primbsch, AA6XZ, Acting Secretary

The meeting was called to order at 7:38 p.m. by President Randy Jenkins.

The minutes of the July general meeting were approved as printed in *The Blown Fuse*. The minutes of the August general meeting were orally corrected by Sharon Primbsch and approved as corrected. This correction of the August minutes will appear in the next *Blown Fuse*.

1st VP Peter Gaposchkin is still working on October and November programs.

2nd VP Texx Woodworth reports that the Pacifcon swap meet is on Sunday Oct. 17th. Thanks go to Bob Bowling, K6ZLG (formerly KG6VME), who is helping with pulleys on the

crank-up tower. New tower cables are soaking in oil. The Board is still planning on re-roofing the club station before it rains (Red Cross may help us get lower-cost materials from vendors).

3rd VP Sharon Primbsch urges members to become ARRL members. Our club must have 50% ARRL membership to retain our status. If you've never joined or have lapsed for at least 2 years, see Treasurer Gordy Parsons (EBARC can keep some of the money).

Education Chair Henry Primbsch asked for a show of hands for interest in a General upgrade theory class next Spring (3 "takers"). Ron Smith suggested that it's easy to get to 5 wpm CW by using a computer program.

Field Day Co-Chair Alan Eshleman suggests that the California QSO Party Oct. 2-3 is good practice (phone and CW). See www.cqp.org for details. Alan will work the CQP as W6PZ from Trinity County. He reminds us that if you operate at the club station (W6CUS), check the mail for your QSL cards. He'll bring all unanswered QSL cards the October meeting.

Treasurer Gordy Parsons read the August report as printed in *The Blown Fuse*.

There will be a work party at the club Station in the morning tomorrow, September 18th, to work on the crank-up tower.

President Randy Jenkins reminds us of the 4Cs/EBARC picnic Sunday, Sept. 19th at Miller-Knox Park. The 4Cs breakfast is at 7:15 Oct. 11th, and all are invited.

Old Business:

Burgie Jones, KE6MSF, will head Election Committee. Please run for an EBARC office. Elections are in November.

Good of the Order:

Public Service Events: Oct. 3rd, Marin Run; Oct 24th, Oakland Breast Cancer Ride. See Randy for details.

The last Livermore Swap meet at Las Positas College will be this December. So far, they have no new site for swap meets thereafter.

The meeting adjourned at 8:01 p.m. for a talk by Stan Salek, NJ6E, on software-defined radios. EBARC thanks Gerry White for the AV equipment.

Treasurer's Report

September, 2004

Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

New ARRL Membership K6ZIG:.....	\$36.00
Coffee Kitty.....	16.00
Total Sept. Income.....	\$52.00

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing	\$19.97
Blown Fuse Postage	16.28
ARRL Membership K6ZIG:.....	21.00
SBC (W6CUS)	16.29
Total Sept. Disbursements	\$73.54

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,539.76
Savings (Station Fund*)	\$4,234.96

*\$147.76 loaned from the General Fund, and \$500 earmarked for W6CUS Roofing Fund.

Silent Key, WA6OUO

Amos Johnson died at age 83 on September 15th of cancer. He is survived by his wife, Hazel; children Amos Jr., Doreathea, and Gladys; and many other relatives and friends.

He was a 29-year veteran of the United States Air Force, and worked for ONA at Alameda Air Station and Travis Air Force Base until his 1984 retirement. In 1944 Amos joined the Army and served as a radio operator and rifleman. He served in the Air Force in WWII,

Korea, and Vietnam. He was the first African American to specialize in jet engine repair and to become Dock Chief at Chandler AFB, AZ. He retired from the Air Force and moved to Richmond in 1970.

He loved ham radio, amateur photography, fishing, and computers. Since 1962, he actively operated MARS as AIIBVF. He was also a Mason and active in the Baptist Church. He was a long-time EBARC member.

EBARC Roster Update

- **NEW EMAIL:** Peter Gaposchkin's email is now peter_gaposchkin@yahoo.com
- **NEW CALL:** Robert Bowling, formerly KG6VME, now has vanity call K6ZLG.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is December 2004!
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2004 is Oct. 24th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) remains \$12. For info; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
- Pacificon, 3rd weekend in October (15-17). See www.pacificon.org for details.

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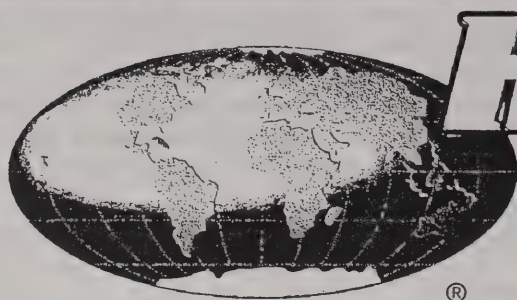
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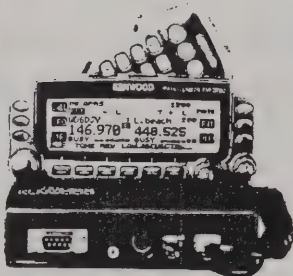
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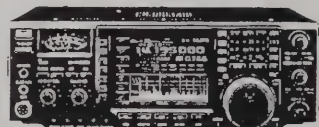
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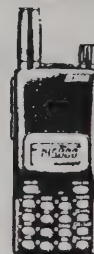


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DR-135TP 2M mobile

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- Collins SSB filter built-in
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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVII NUMBER 11

NOVEMBER 2004

EBARC Meeting

November 12, 2004
7:30 p.m.

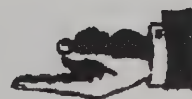
Election of 2005 Officers
Video "Museum Ships Special Event"



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: Tuesday, Nov. 23

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

It is time to think about elections; both on election day, and at our next club meeting. There are many important issues on this November's ballot, and I urge every registered voter to get out and cast their vote. I also invite you to come to the general meeting on November 12 for the election of officers.

The rains have certainly started early. We will be finishing up on the projects that we have going at the club station, and getting everything ready for another winter.

We had another successful VE session in Oakland on Sunday, October 24. We tested three new hams and one returning former ham. We are currently in the process of scheduling next year's testing dates.

Henry is gauging interest in a General upgrade class for the spring semester at the adult school. If you or someone you know is interested, please contact us.

Gordy will be reminding you that he is collecting dues for 2005. We have kept the dues at their current level for the coming year. Please renew early, and avoid the rush.

Peter Hoffman, W6DEI is bringing a video presentation on the Museum Ships and Amateur Radio that we will show at the November meeting.

We hope to see you at the next meeting.

**4Cs/EBARC Holiday Luncheon is
Dec. 12, Bakers' Square, Concord!**

2005 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E

License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

Treasurer's Report

October, 2004

Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

Membership Renewals; WB6IZE, W6DEI,
K6SEZ, AD6OO, KG6DER, KF6HEN,
KG6TT \$175.00
Family Renewals: KK6PH/AA6XZ..... 30.00
Donations (KF6HEN, WB6IZE)..... 30.00
Club Jacket Sale (KG6TT) 35.00
Coffee Kitty..... 18.50
Total Oct. Income \$288.50

OCTOBER DISBURSEMENTS

Blown Fuse Printing \$19.97
Blown Fuse Postage 15.54
Secty. of State (corp. filing fee)..... 20.00
SBC (W6CUS) 21.61
Total Oct. Disbursements \$77.12

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,702.64
Savings (Station Fund*) \$4,283.46

*\$147.76 loaned from the General Fund, and
\$500 earmarked for W6CUS Roofing Fund.

We are now collecting membership dues for 2005. Our dues for regular individual membership, \$25; and family membership \$30. The California corporate filing fee has been filed on time this year. Because of our corporate status, donations are not tax deductible, but we accept donations just the same!

General Meeting Minutes

October 8, 2004

Sharon Primbsch, AA6XZ, Acting Secretary

The meeting was called to order at 7:30 p.m.
by President Randy Jenkins.

The minutes of the September general meeting were approved as printed in *The Blown Fuse*. The correction to the minutes of the August general meeting (in the October *Blown Fuse*) were approved as corrected.

1st VP Peter Gaposchkin says the November meeting will be the EBARC officers' election and a video about the Museum Ships' Special Event.

2nd VP Texx Woodworth reminds us of Pacificon next weekend. He reports that BPL has been pulled in Menlo Park. Please feed the coffee kitty. Texx says he borrowed the club's oscilloscope.

3rd VP Sharon Primbsch urges members to inform her of email address changes, especially if you are receiving the *Blown Fuse* electronically.

Education Chair Henry Primbsch said there's a slight bias toward a General upgrade theory class next Spring. He also announced an ARRL VE test session for October 24th.

Treasurer Gordy Parsons read the September report as printed in *The Blown Fuse*. EBARC is now collecting dues for 2005.

President Randy Jenkins reminds us to sign out any equipment you borrow from the club station by making a note on the sign-in sheet. On Oct. 23rd, ROVARC will have its last pancake breakfast of the year. 4Cs has a breakfast on the 10th. John Percival will attend Pacificon, and hopes to see EBARC members there. Randy thanked everyone who helped at the club station work party. Rich Parker needs hams for events this month.

Club Station Chair, Stanton Gleason reports Americare has rented the front building at the club station. EBARC is still a guest of the Red Cross in Annexes A & B.

Old Business:

Nomination Committee: Burgie Jones, KE6MSF, and Cheryl Johnson, KF6HEN, have said that current EBARC officers will all run for elections in November. Nominations are open and the election will be held at the November general meeting

Randy reports that the work on the tilt-up tower is almost done. Some of the people from the prior work party will finish it very soon.

Randy has a lead on a way to get the club station's roof repaired, and will pursue it.

Randy reports that Duke Campbell may wish to donate some equipment to EBARC.

Joe Lee, W6DOB, reminds us that he has jackets and badges for sale. He also volunteered to report any silent keys to ARRL.

The meeting adjourned at 7:58 p.m. for a video on the invention and early years of the telephone. EBARC thanks Gerry White for the AV equipment.

Nominations for 2005 Officers

Nominations are open to any member and will also be taken from the floor at the November meeting (election night). The following are the nominees so far:

- President: Randy Jenkins
- 1st Vice President: Peter Gaposchkin
- 2nd Vice President: Texx Woodworth
- 3rd Vice President: Sharon Primbsch
- Secretary: Bob Uhrhammer
- Treasurer: Gordy Parsons

EBARC Roster Update

- **NEW EMAIL:** Robin Fraatz's email is now rojafraa@yahoo.com

Packet Report for Sept., 2004 Ralph Hall, W6EFD, Packet SysOp

The W6CUS BBS received 1,595 incoming bulletins from its source, WA6ZTY. The average daily active bulletins (not including days when the SysOp was away) was 582, highest day was 665, and the lowest day was 448. There were a total of 6 packet user log-ons. There was a temporary interruption of incoming bulletins due to the 220 MHz transceiver being off frequency (cause unknown). No bulletins were lost.

A Request from Ye Olde Editor Sharon Primbsch, AA6XZ

As you renew for 2005, please consider receiving the *Blown Fuse* electronically. It saves the club money. Also, please notify me at aa6xz@earthlink.net if your email address changes! TNX MCH.

Future Bay Area Events

- 4Cs/EBARC Holiday Luncheon, Dec. 12, Bakers' Square, Concord!
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is December 2004!
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The sessions for 2005 are tentatively Jan. 23rd, Apr. 24th, July 24th, and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2004 fee (and retest fee) will be more than \$12. For info; 510-987-2867 or 510-741-8227.
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Hwy. 163 & Claremont Mesa
san-diego@hamradio.com

SUNNYVALE, CA
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Howard, KE6PWH, Mgr.
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- 100W HF, 6M, 2M • 50W 70CM
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- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

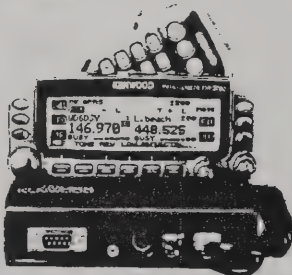
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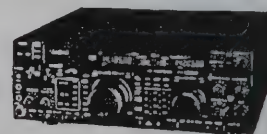
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FT-100D HF/6M/2M/70CM Trans.

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- Rx 100kHz to 970mHz (cell blocked)
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510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

ICOM



IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 Mhz
- AF-DSP • Plug and Play Filters - No Soldering
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- 101 alphanumeric memories

The Ultimate Radio!

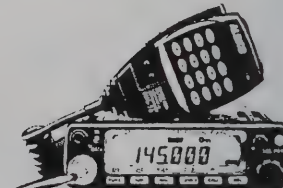
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
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- CTCSS + DCS built in
- "S" meter
- Auto Dialer

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DR-135TP 2M mobile

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- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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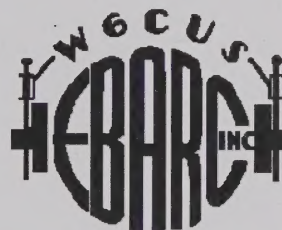
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VOLUME LVII NUMBER 12

December 2004

EBARC Meetings

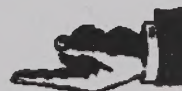
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The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army Offices, 4800 Applan Way, El Sobrante

The Executive Board meets the first Friday of each month at 7:30p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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Note created April 2024

